



## **Site 2, Old Spanish Bight Landfill**

### **This fact sheet will tell you about...**

- Clean-up and site restoration efforts at Site 2, Old Spanish Bight Landfill.
- The role of the U.S. Navy and previous studies performed at the site.
- How you can obtain more information and become more involved in the station clean up activities

### **NOTICE OF PUBLIC COMMENT PERIOD**

The U.S. Navy requests public comments on the removal action work plan at Site 2 located at Naval Air Station North Island, San Diego, California. Public comment on this action will be accepted for a 30-day period, beginning October 27, 1995, and ending November 27, 1995. Written comments on the work plan should be mailed or faxed to:

Ms. Kimberly Wheeler  
Remedial Project Manager  
Code 1821.KW  
Southwest Division  
Naval Engineering Command  
1220 Pacific Highway  
San Diego, California 92132-5187  
Fax: (619) 532-1242

# **NAVAL AIR STATION NORTH ISLAND**

Fact Sheet No. 7

October 1995

## **INTRODUCTION**

This fact sheet provides an update on the status of the restoration activities at Site 2 on Naval Air Station, North Island (NAS North Island). The Navy has developed a work plan for a non-time critical removal action at the Old Spanish Bight Landfill (Site 2). Contaminants of concern are heavy metals, particularly arsenic and lead. The source of the contamination is a vertical cut in the landfill exposing old solid waste and ash materials. Potential health concerns include ingestion, inhalation, skin contact and offsite transportation through stormwater runoff of the contaminants.

The Navy plans to remediate a portion of Site 2 by containing the exposed vertical face of the landfill material with a clean soil cover. The removal action will significantly reduce the potential health concerns and contribute to the long term post-closure actions for the site. The work plan has been submitted to the local and State of California environmental regulatory agencies for review. The work plan is also available for public review, and the Navy seeks community input to help achieve the efficient execution of this removal action.

## **SITE DESCRIPTION AND ENVIRONMENTAL HISTORY**

Site 2, located in the northeast portion of NAS North Island, is an Installation Restoration Program (IR

Program) site. The IR Program forms the basis for assessments and response actions on Department of Defense installation. The IR Program is designed to identify, confirm/quantify, and remediate (cleanup) problems associated with past management of hazardous wastes. Previous investigations conducted at Site 2 began in 1983 with an Initial Assessment Study (IAS). The IAS was conducted to identify potential threats to human health and the environment caused by past hazardous substance, storage, handling, or disposal practices. It was determined through the IAS that a trash incinerator operated between 1938 and 1947 to process solid waste containing hazardous materials. The incinerated waste was disposed of at Site 2. Incinerated ash is exposed in a vertical cut, in the landfill, approximately 80 feet long and 12 feet high. Further investigations of the exposed ash material indicate the presence of arsenic and lead above NAS North Island background levels and U.S. EPA preliminary remediation goals. Information obtained from the previous investigations has been used to evaluate potential cleanup alternatives.

## **REMOVAL ACTION WORK PLAN**

The work plan presents the proposed scope of work for the remediation efforts at the site. The remediation strategy presented in the work plan includes identification and descriptions of removal actions objectives, construction tasks, site controls, environmental conditions,

health and safety procedures, quality control, waste management plans and site restoration.

The removal action is based on an integrated remedial approach that provides safe, timely and cost-effective containment of the hazardous materials. Actions planned for the landfill include regrading the near vertical surface to a stable slope to eliminate the physical hazard of an unstable slope, installing a containment cap over the landfill cut to minimize the risk of exposure to the contaminated soils, improving site stormwater drainage to minimize surface water runoff over the landfill cut and infiltration into the contaminated soils. These actions are designed to meet the removal action objective, and to contribute to the eventual closure of Site 2.

## **ENVIRONMENTAL PROTECTION**

An Environmental Protection Plan was prepared for the Site 2 removal action as a subpart of the removal action work plan. The purpose of the plan is to describe methods and rationale to protect the environmental resources at the site. This plan provides specific information regarding existing environmental conditions; protection of plant and animal life, and historical and archaeological sites; control of traffic, dust, erosion, surface water runoff, and waste materials; and restoration of the site. Except for designated work areas, storage areas, and access routes specifically assigned for use during construction activities, all land resources outside the limits of work will be preserved in their present condition.

Site 2 is an industrial area surrounded by facilities used to support aircraft maintenance and station operations. The nearest residences

are located within 1000 feet of Site 2. No sensitive human receptors have been identified on or within the vicinity of Site 2. In addition, there are no known endangered or sensitive plants or animals that grow or inhabit Site 2.

The site is unlikely to have historical or archaeological significance owing to its past use as a landfill for industrial operations from 1917 to the mid-1940s.

No significant traffic impacts are anticipated during the construction activities. Mobilization and demobilization of heavy equipment and truck traffic associated with hauling import or export materials will be scheduled during the offpeak traffic hours.

Dust control measures, including covering activity construction areas with plastic sheeting, spraying water on roadways or work areas, and ceasing construction activities, will be implemented during periods of high winds and dry conditions.

Construction activities will be performed to minimize erosion and surface water run-on/runoff. Stormwater run-on/runoff control measures may include temporary soil berms, sand bags, hay bails, or silt fences.

Following construction activities, the site will be restored to its preconstruction condition to the fullest possible and reasonable extent.

## **HEALTH and SAFETY**

A Health and Safety Plan was prepared to support Site 2 field operations. This plan includes procedures for personnel and equipment safety, medical assistance, and general work practices. All contractors working at the site have been trained on proper health and safety procedures including emergency responses, and first-

aid. In addition, all workers will be trained in the hazards for the contaminants of concern and handling of the contaminated soils and hazardous waste at the site.

## **COMMUNITY INVOLVEMENT**

Community involvement is an integral part of the IR Program. The Navy aims to inform the community about the environmental remediation projects and to provide the community with the opportunity to participate in the decision-making process. This is done primarily through the Restoration Advisory Board (RAB), a community-based group, that meets monthly with the Navy. This fact sheet is part of the continuing effort to keep the public informed of environmental cleanup activities at NAS North Island.

Decision making documents such as the Engineering Evaluation/Cost Analysis (EE/CA) and Action Memorandum for this removal action were developed and presented to the public for review earlier this year. In addition, RAB members were invited to participate in a Value Engineering Workshop designed to analyze the functional requirements of this removal action for the purpose of achieving essential functions at the lowest total cost, consistent with the required performance, reliability, quality, and maintainability. The EE/CA and Action Memorandum are available for review at the information repositories listed in this fact sheet.

The Navy welcomes your interest in the environmental program. Additional fact sheets will be developed to address inquiries about the project and to provide progress reports on the cleanup activities.

San Diego  
Bay

NAS North  
Island

**SITE 2**

City Of  
Coronado

Pacific Ocean



## ***SITE LOCATION MAP***

### **INFORMATION REPOSITORIES**

Environmental reports and correspondence regarding the IR Sites at NAS North Island including this removal action are available for public review at two information repositories:

#### ***City of Coronado Public Library***

640 Orange Avenue  
Coronado, CA 92118-1526  
Contact: Vanessa Gwynne  
(619/522-7390)

Mon-Tue: 10:00 am - 9:00 pm  
Wed-Thurs: 1:00 pm - 9:00 pm  
Fri-Sat: 10:00 am - 6:00 pm  
Sun: 1:00 pm - 5:00 pm

#### ***NAS North Island Station Library, Building 650***

Contact: Sharon Nelson  
619/545-8231

Mon-Thurs: 10:00 am - 8:00 pm  
Fri-Sat-Sun: 10:00 am - 6:00 pm

### **FOR MORE INFORMATION:**

Ken Mitchell  
Public Affairs Office  
Naval Air Station North Island  
Code OB  
P.O. Box 357033  
San Diego, California 92135-7033  
(619) 545-8167  
(618) 545-0182 (Fax)

Marsha Mingay  
Public Participation Specialist  
Department of Toxic Substances Control  
245 W. Broadway, Suite 425  
Long Beach, CA 90802  
(310) 590-4881

### **MAILING LIST**

If you did not receive this fact sheet in the mail, then you are not on our mailing list. If you wish to be placed on the Naval Air Station, North Island activity IRP mailing list, correct your address or interested in the RAB, please complete this form, detach, and mail or fax to:

Ken Mitchell  
Public Affairs Officer  
Naval Air Station, North Island  
Code OB  
P.O. Box 357033  
San Diego, California 92135-7033  
(619) 545-8167

Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_  
Affiliation/Position: \_\_\_\_\_

New Address \_\_\_\_\_ Address Correction \_\_\_\_\_ Interest in RAB \_\_\_\_\_

NAVAL AIR STATION  
**NORTH ISLAND**

Public Affairs Office

Code OB

PO Box 357033

San Diego, California 92135-7033

---

Request for Public Comments  
on  
Removal Action Work Plan  
Site 2



Printed on Recycled Paper